

ABSTRACT OF THE DISCLOSURE

A system and method de-channelizes data in a W-CDMA system which uses an OVSF code. The method includes detecting an OVSF code used as a channelization code, demodulating data multiplexed in the OVSF code using an FHT, and mapping the order of the demodulated data so that it corresponds to the OVSF code. By restoring multiplexed data using FHT (Fast Hadamard Transform), complexity of calculations can be reduced and data can be quickly restored.